

ABSTRACT

A method and system of retransmitting uplink packet data from a user equipment (UE) in a handover region to Node Bs. The UE transmits packet data to the
5 Node Bs on an enhanced uplink dedicated transport channel (EUDCH). The Node Bs
transmit to the UE first response fields indicating whether the Node Bs have received
good packet data or bad packet data, and second response fields that the Node Bs
received from an RNC indicating whether a radio network controller (RNC) has
received good packet data or bad packet data. The UE then detects the first and second
10 response fields and retransmits the uplink packet data according to the values of the
response fields in the UE.